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	Application Number	10/733,451
	Filing Date	December 12, 2003
	First Named Inventor	HAYKIN et al.
	Art Unit	2615
	Examiner Name	SWERDLOW, Daniel
Total Pages in This Submission		Attorney Docket Number 3244-83/R

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Request for Certificate of Correction Certificate of Correction
Remarks <div style="text-align: right;"> Certificate APR 30 2007 of Correction </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Bereskin & Parr		
Signature			
Printed Name	Tony R. Orsi		
Date	April 24, 2007	Reg. No.	55,831

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 30 2007

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

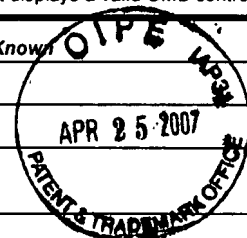
FEE TRANSMITTAL for FY 2007

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 100.00

Complete if Known

Application Number 10/733,451
Filing Date December 12, 2003
First Named Inventor HAYKIN et al.
Examiner Name Daniel Swerdlow
Art Unit 2615
Attorney Docket No. 3244-83/R



METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____
☐ Deposit Account Deposit Account Number: 022095 Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☐ Charge any additional fee(s) or underpayments of fee(s) ☐ Credit any overpayments

Under 37 CFR 1.16 and 1.17
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims	Extra Claims	Fee(\$)
_____ -20 or HP= _____ x _____ = _____		
Fee Paid (\$)		Multiple Dependent Claims Fee (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
_____ - 3 or HP= _____ x _____ = _____			

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____ / 50 = _____				(round up to a whole number) x

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)
Other (e.g., late filing surcharge): Certificate of Correction

Fees Paid (\$)
100

SUBMITTED BY

Signature	<i>Tony R. Orsi</i>	Registration No. (Attorney/Agent)	55,831	Telephone	416-364-7311
Name (Print/Type)	Tony R. Orsi	Date	April 24, 2007		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

APR 30 2007

Bereskin & Parr

INTELLECTUAL PROPERTY LAW



April 24, 2007

Tony R. Orsi
B.A.Sc., M.A.Sc. (Elec. Eng.)
416 957 1603 torsi@bereskinparr.com

Your Reference: 7,149,320
Our Reference: 3244-83/R

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia
U.S.A 22313

Attn: Certificate of Correction Branch

Dear Sir:

Re: United States Patent Application No. 10/733,451
United States Patent No. 7,149,320 B2
For: BINAURAL ADAPTIVE HEARING SYSTEM
Filed: December 12, 2003
Inventors: HAYKIN, Simon et al.
Examiner : SWERDLOW, Daniel

In accordance with the provision of 37 C.F.R. § 1.323, please enter the attached Certificate of Correction.

The Applicant respectfully submits that the corrections are of a clerical nature and do not constitute new matter or require examination.

The government fee of \$100.00 is included in our cheque no. 8672. Please charge any deficiency or credit any overpayment to our deposit account no. 02-2095.

Respectfully submitted.

A handwritten signature in cursive script, appearing to read "Tony R. Orsi".

Tony R. Orsi
Registration No. 55,831
/cem
Encl.

04/26/2007 YPOLITE1 00000083 7149320

01 FC:1011

100.00 OP

APR 30 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,149,320

Page 1 of 1

APPLICATION NO. : 10/733,451

ISSUE DATE : December 12, 2006

INVENTOR(S) : Simon Haykin, Sue Becker, Ian Bruce, Jeff Bondy, Laurel Trainor & Ronald Jay Racine

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Title (item 54 and column 1, line 1), the word "AID" has been changed to --SYSTEM--, so that the title reads "BINAURAL ADAPTIVE HEARING SYSTEM".

In the Detailed Description Of The Invention section, column 9, line 18, equation 2 has been changed to

$$\gamma_p = \arg\max_y \left\| s_{p-1}(t), h_y(t) \right\|^2, \text{ and } b_p = \left\langle s_{p-1}(t), h_{\gamma_p}(t) \right\rangle.$$

In the Detailed Description Of The Invention section, column 17, line 40, the letter "a" has been changed to the symbol --σ--, so that the line reads "tests σ was set to 1 percent of the mean value of f_i^2 although".

In the Detailed Description Of The Invention section, column 17, line 41, the letter "a" has been changed to the symbol --σ--, so that the line reads "other values can be used for σ to ensure that the model never".

In the Detailed Description Of The Invention section, column 26, line 38, the first instance of the word " τ^{sp} " has been changed to -- τ_{sp} --, so that the line reads "an alternative scaling method $\tau_{sp_impaired}[n] = \tau_{sp}[n](\tau_{wide}/\tau_{sp})$ ".

In the Claims, column 32, line 51, claim 20, section c, the punctuation "," has been changed to --:-, so that the line reads "hearing loss of the user by :-".

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Bereskin & Parr
Box 401, 40 King Street West
Toronto, Ontario, M5H 3Y2, Canada

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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